



U-RETRO 01

Active/Passive Preamp for Bass Guitars

The U-RETRO 01 is a universal highly flexible on-board dual input preamp and EQ system. Its high quality circuit uses three stacked knobs and includes an active blend circuit plus a 3 band equaliser with bass, variable frequency mid, treble and bright function. The active blend circuit prevents the loss associated with many passive basses where, when both pickups are up full, the signal from one pickup feeds into the other and vice versa. However, a switch is included to allow a passive equal mix of both pickups as this can give a subtle difference in sound. A second switch allows some basic passive modes with useful settings too.

- **VOLUME & BLEND** (Knob stack nearest the neck pickup)

- **VOLUME**

The upper knob is the Volume. This knob has active circuitry after it so that the feed to your amplifier is a low impedance drive. Two 0-12dB presets allow individual gain adjustment for each pickup input.

- **BLEND & PICKUPS SWITCH**

The lower outer knob is the Blend balance for the pickups. Turn it fully clockwise for the neck pickup alone and fully anti-clockwise for the bridge pickup. The midway position, which has an indent, gives an equal mix of both pickups. The balance between the pickups is continuously variable with progressive level compensation towards the single pickup settings.

Important:- The **Pickups** switch (by the blend) must be set pointing towards the jack for the Blend to function. (See **ACTIVE & PASSIVE** diagrams for details of how this switch works)

- **BASS & TREBLE** (The middle knob stack)

- **TREBLE (+12dB @ 3 kHz, -12dB @ 1kHz)**

The upper knob is the Treble control with boost and cut. The central 'flat' position is indented. The cut settings work on lower frequencies compared to boost to give a deeper sound when the top is rolled off.

- **BRIGHT (+8dB @ 7kHz)**

Pull the Treble knob for the Bright setting.

- **BASS (+15dB @ 50Hz)**

The lower outer knob is the boost only Bass control. The frequency band of boost gets progressively lower as the boost is increased. An indent midway is included to aid the setting of this control.

- **MID LEVEL & FREQUENCY** (The knob stack nearest the jack)

- **BOOST/CUT (+/- 12dB)**

The upper knob controls the amount of Mid boost or cut at frequencies according to the setting of the Frequency knob. The midway indent is the 'flat' position.

- **FREQUENCY (150Hz - 3kHz)**

The lower outer knob is continuously variable and sets the Mid frequencies for boost or cut.

- **ACTIVE PASSIVE SWITCH** (By the jack)

Towards the jack for active, the opposite for passive.

- **POWER**

The power is switched on automatically when a mono jack is plugged into the socket.